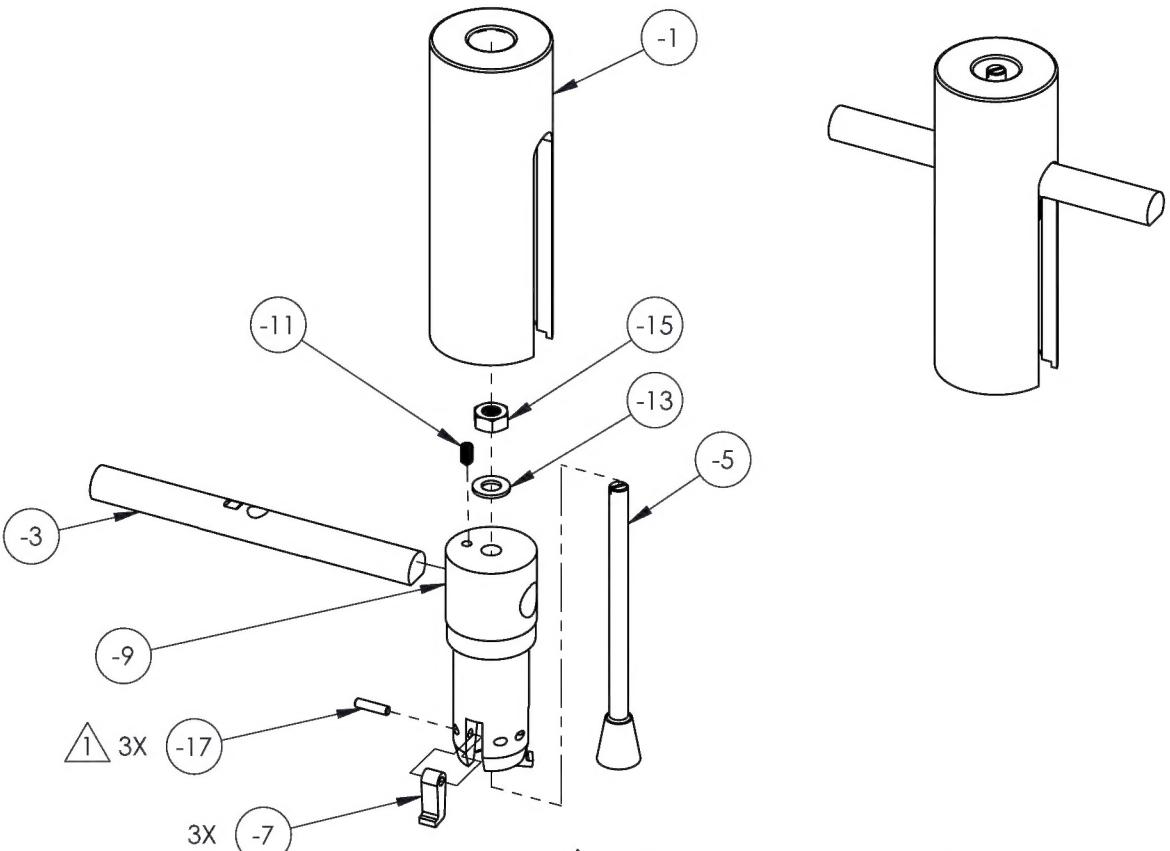
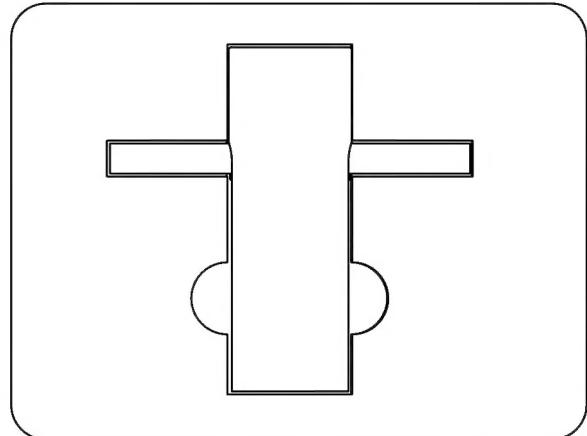


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REV	REVISIONS		
	DESCRIPTION	DATE	INITIAL



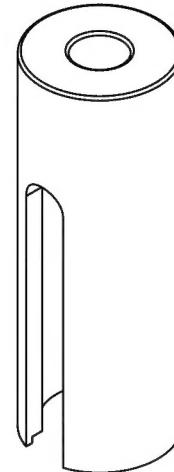
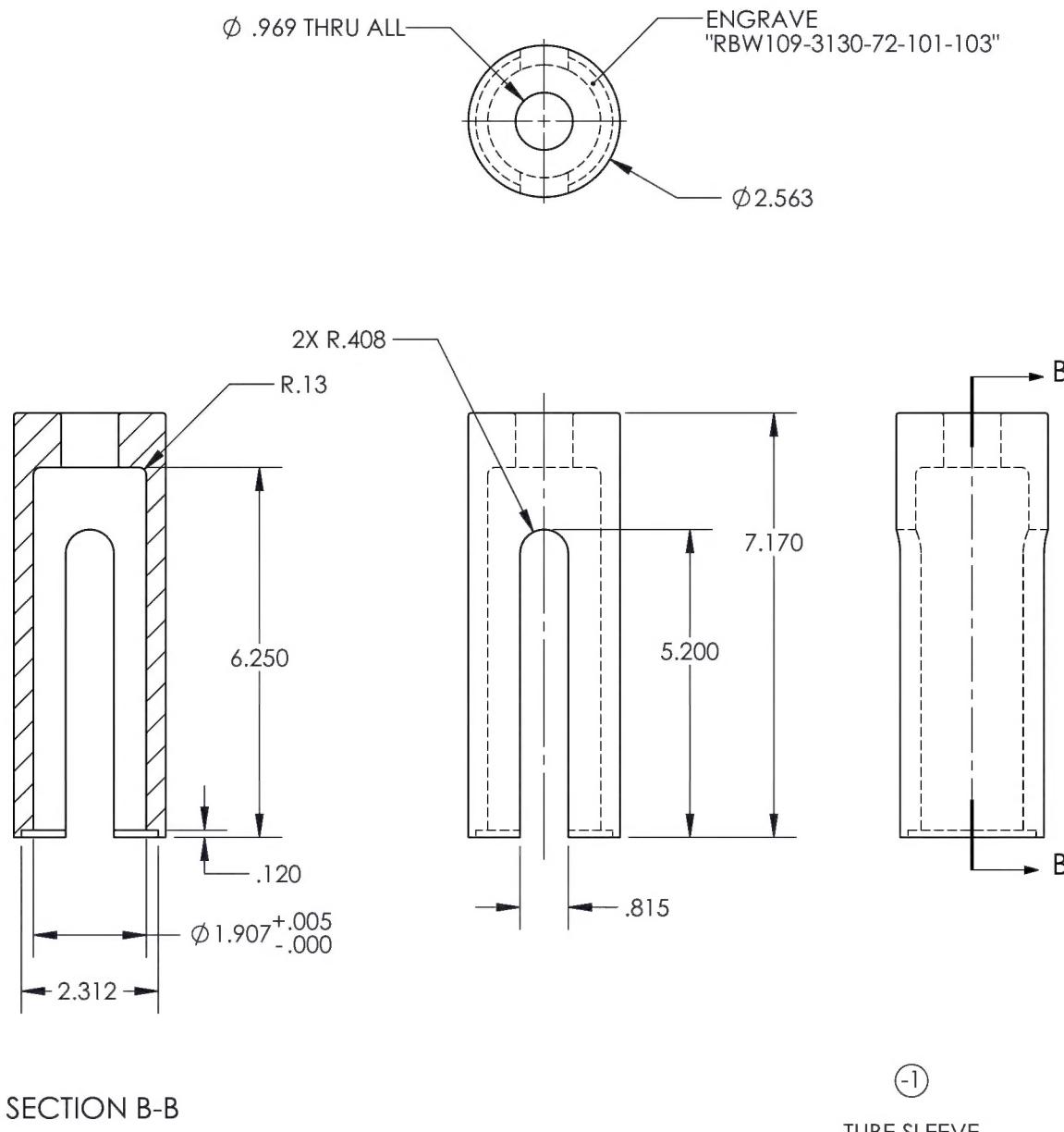
- 1 △ PRESS 3 PINS(-17) INTO BLOCK(-9) THRU 3 HOOK (-7), CENTERING PIN IN BLOCK.
 2 ATTACH PLACARD(-25) TO OUTSIDE ON CASE.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	TUBE, SLEEVE`	4140	Ø2-5/8 X 7	2
			-3	1	CROSSBEAM	4140	Ø3/4 X 7-1/2	3
			-5	1	TIE-ROD	4140 Q&T	Ø1 X 6-3/4	4
			-7	3	HOOK	4140	3/8 X 5/8 X 1-1/4	5
			-9	1	BLOCK	4140 Q&T	Ø2 X 5-1/8	6
B/O		-11	1	SET SCREW, CONE POINT	STEEL	M10	MCMASTER-CARR #92695A305	1
B/O		-13	1	WASHER	STEEL	M10	MCMASTER-CARR #91166A280	1
B/O		-15	1	NUT	STEEL	M10	MCMASTER-CARR #90591A171	1
B/O		-17	3	DOWEL PIN	416 S.S.	3/16 X 3/4	MCMASTER-CARR #98380A508	1
		-19	1	BOTTOM TOOL CUSHION	Y-20 BLACK	3.95 X 9.08 X 11.98		7
		-21	1	TOP TOOL CUSHION	C200 FLAT, BLACK	1.2 X 9.08 X 11.98		8
B/O		-23	1	CASE	PLASTIC	PELICAN #APP-1400-E		NS
B/O		-25	1	RED BARN PLACARD	ALUMINUM	RB41009		NS

RED BARN MACHINE	
TITLE T/R GRIP BUSHING REMOVAL	
DWG NO. RBW109-3130-72-101 REV	
MAT'L	DRAWN BY: GILBERT APPROVED D Weil
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES $.XXX \pm .005$ FRACTIONS $\pm 1/32$ $XX \pm .01$ ANGLES $\pm .5^\circ$ $X \pm .1$	HEAT TREAT FINISH SPEC USED ON MODEL AW109 PLATING
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:4	DATE 5/24/2012 SHEET 1 OF 8

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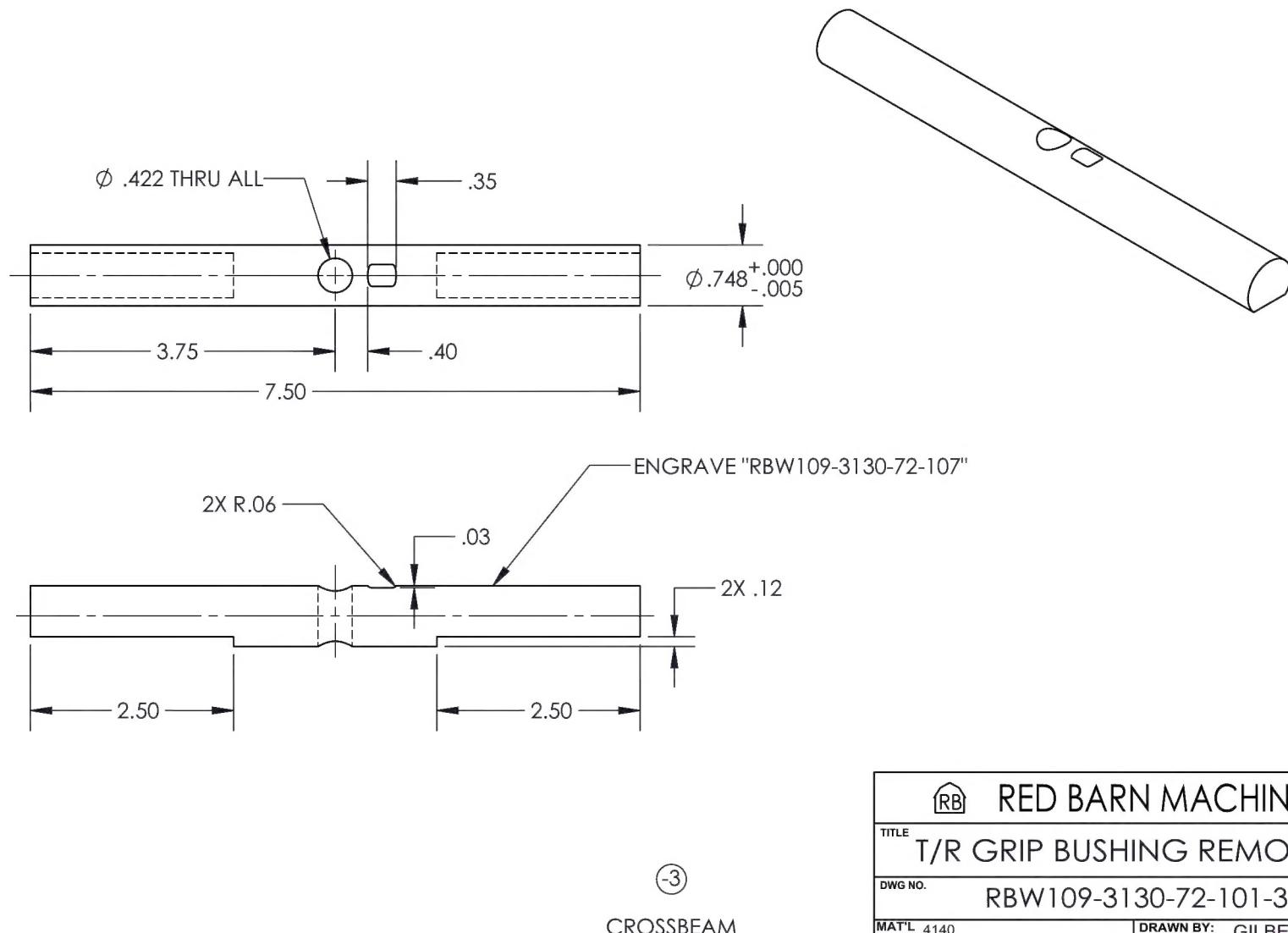
REV	DESCRIPTION	DATE	INITIAL	APPROVED
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RED BARN MACHINE	
TITLE	T/R GRIP BUSHING REMOVAL
DWG NO.	RBW109-3130-72-101-1
MATL	4140
DRAWN BY:	GILBERT
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
HEAT TREAT FINISH BLACK OXIDE	
SPEC	
USED ON MODEL	
AW109	
SCALE	1:3
DATE	5/24/2012
SHEET 2 OF 8	

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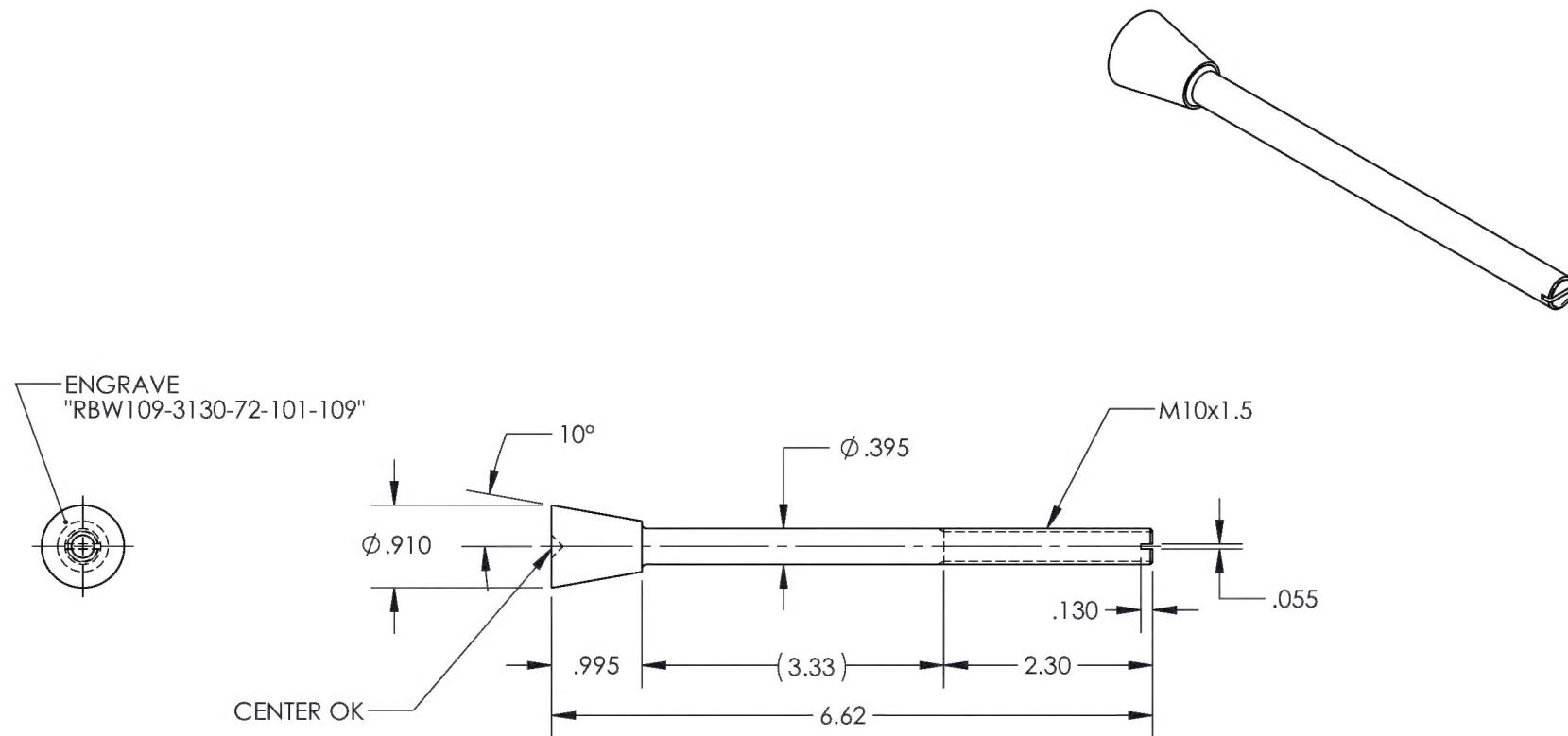
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



RED BARN MACHINE	
TITLE	
T/R GRIP BUSHING REMOVAL	
DWG NO.	RBW109-3130-72-101-3
MATL	4140
DRAWN BY: GILBERT	
APPROVED <i>D Weil</i>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX $\pm .005$ FRACTIONS $\pm 1/32$	
XX $\pm .01$ ANGLES $\pm .5^\circ$	
X $\pm .1$	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
HEAT TREAT FINISH BLACK OXIDE	
SPEC	
USED ON MODEL AW109	
SCALE	1:3
DATE	5/24/2012
SHEET 3 OF 8	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED
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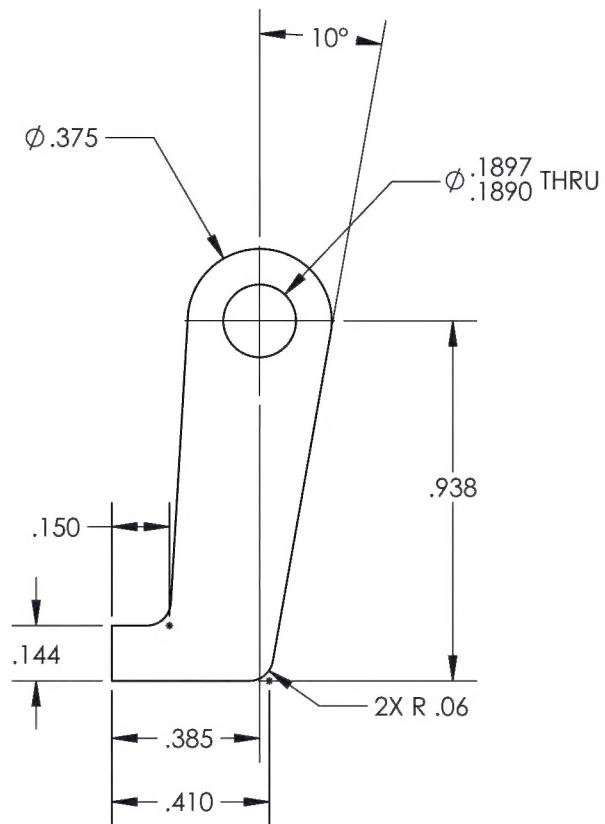
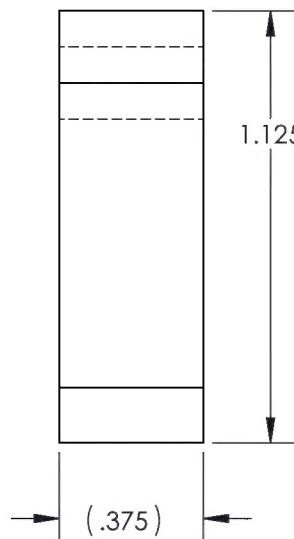
(-5)

TIE-ROD

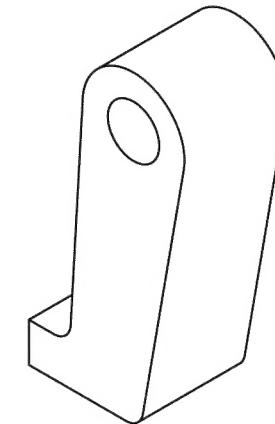
RED BARN MACHINE	
TITLE T/R GRIP BUSHING REMOVAL	
DWG NO. RBW109-3130-72-101-5 REV	
MATL. 4140 Q&T	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
HEAT TREAT FINISH BLACK OXIDE	
SPEC	
USED ON MODEL	
AW109	
SCALE 1:2	DATE 5/24/2012
SHEET 4 OF 8	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



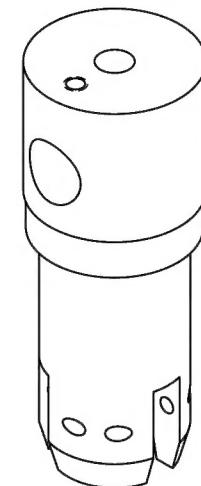
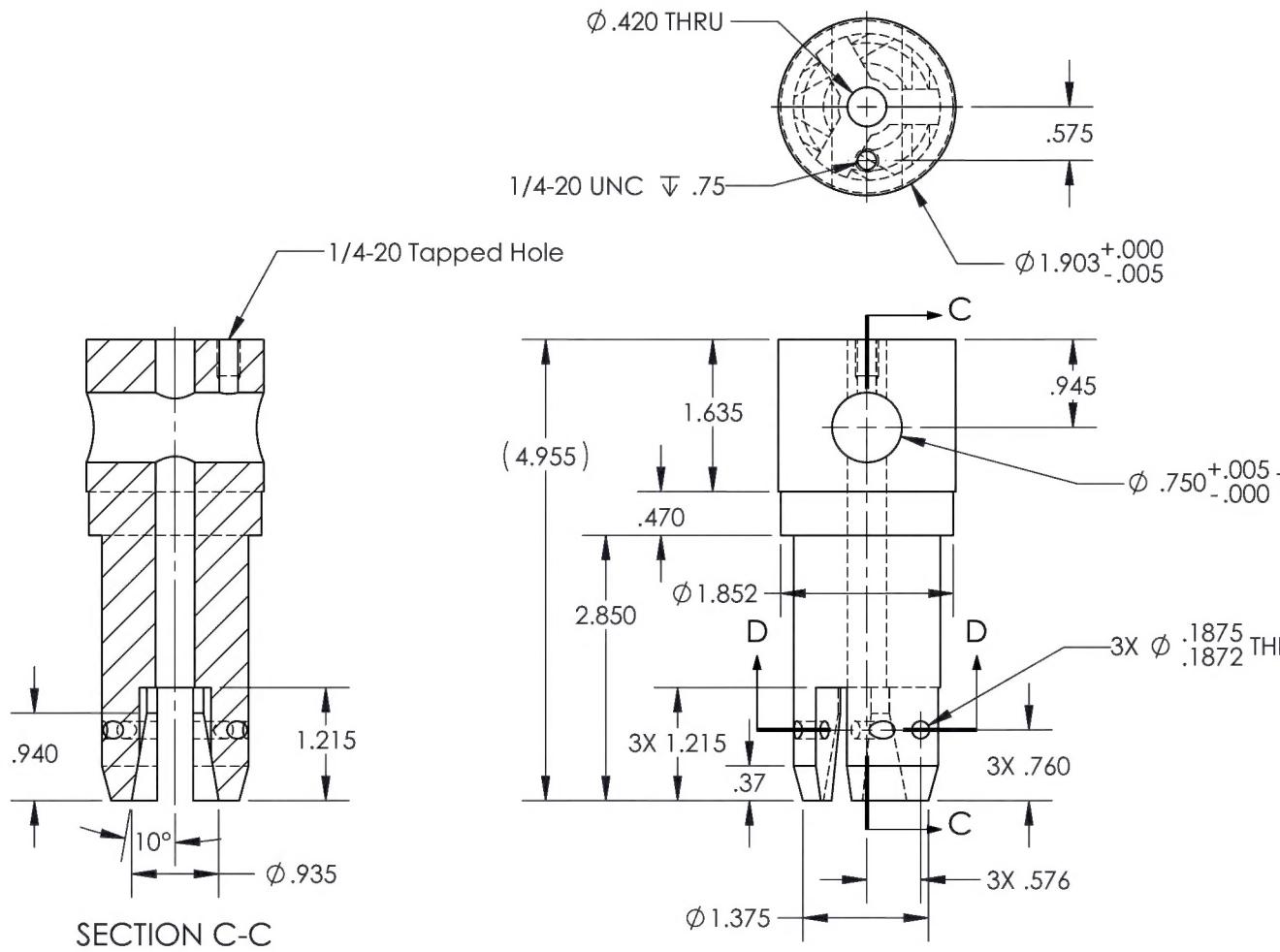
(-7)
HOOK



RED BARN MACHINE	
TITLE	T/R GRIP BUSHING REMOVAL
DWG NO.	RBW109-3130-72-101-7
MATL	4140
DRAWN BY:	GILBERT
APPROVED	<i>D Weil</i>
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
SPEC	
USED ON MODEL	
AW109	
SCALE	2:1
DATE	5/24/2012
SHEET 5 OF 8	

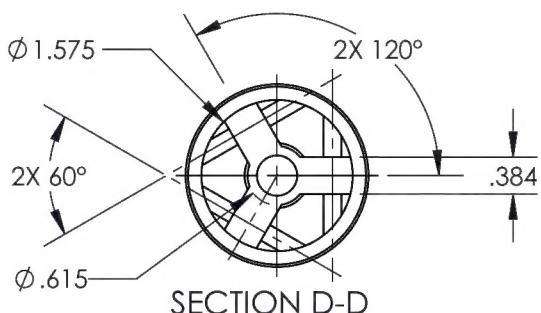
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(-9)

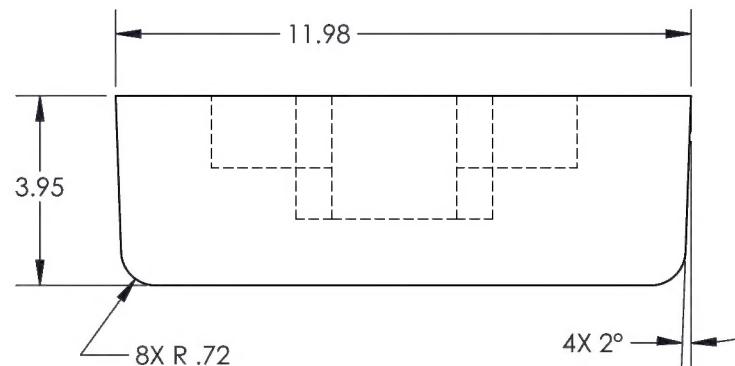
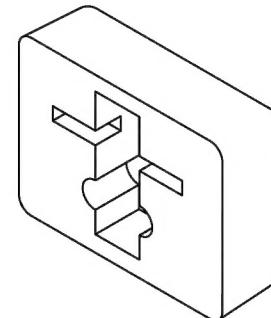
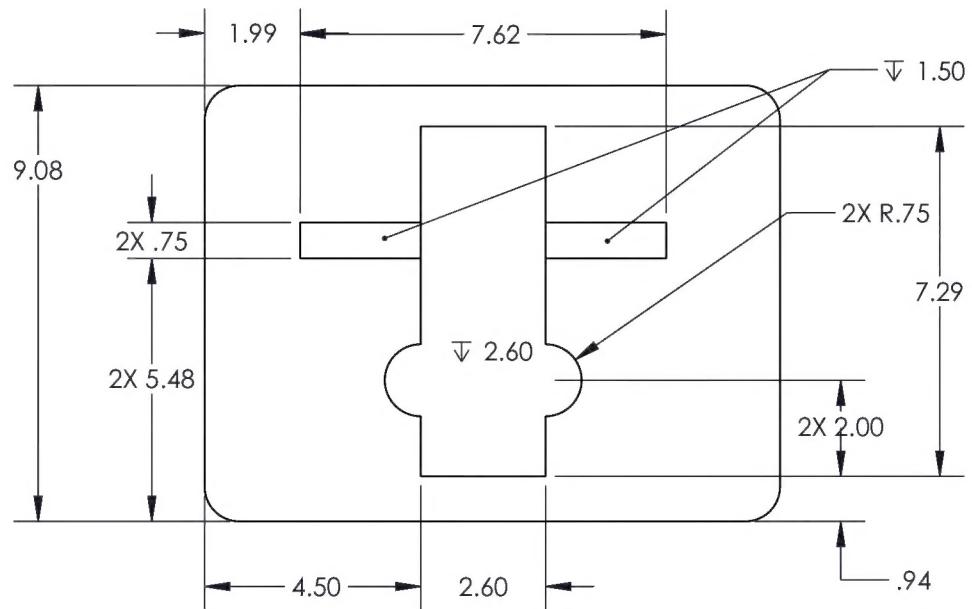
BLOCK



RED BARN MACHINE	
TITLE	
T/R GRIP BUSHING REMOVAL	
DWG NO.	RBW109-3130-72-101-9
MATL	4140 Q&T
DRAWN BY: GILBERT	
APPROVED <i>D Weil</i>	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.0XX ± .005 FRACTIONS ± 1/32	
.XX ± .01 ANGLES ± .5°	
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	1:2
DATE	5/24/2012
SHEET 6 OF 8	

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REV		DESCRIPTION		DATE	INITIAL	APPROVED
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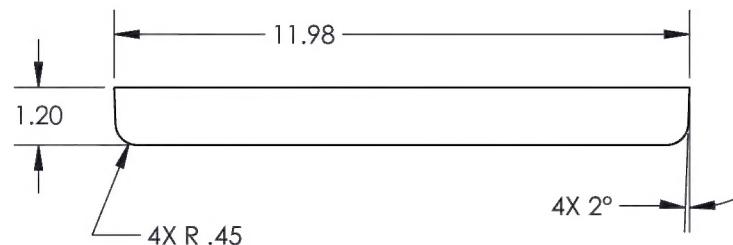
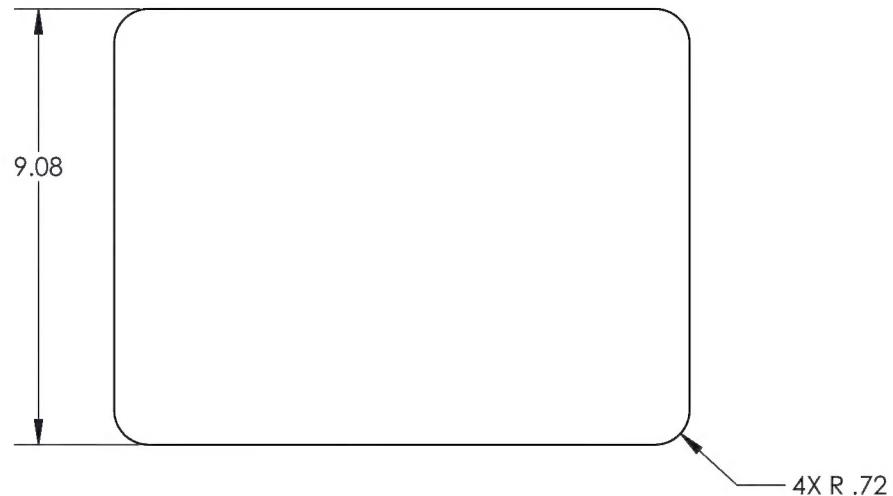


RED BARN MACHINE	
TITLE T/R GRIP BUSHING REMOVAL	
DWG NO.	RBW109-3130-72-101-19
MATL	Y-20 BLACK
DRAWN BY: GILBERT	
APPROVED <i>D Weil</i>	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
AW109	
SCALE	1:2
DATE	5/25/2012
SHEET 7 OF 8	

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REVISONS

REV	DESCRIPTION	DATE	INITIAL	APPROVED
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TOP TOOL CUSHION

(-21)

RED BARN MACHINE	
TITLE T/R GRIP BUSHING REMOVAL	
DWG NO. RBW109-3130-72-101-21 REV	
MATL. C200 FLAT, BLACK	DRAWN BY:
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SPEC	USED ON MODEL
HEAT TREAT FINISH	
SCALE 1:2	DATE
SHEET 8 OF 8	